

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
 Data File : BM042534.D
 Acq On : 01 Nov 2023 11:43
 Operator : MA/JU
 Sample : PB156350BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156350BL

Quant Time: Nov 01 23:40:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 02:55:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

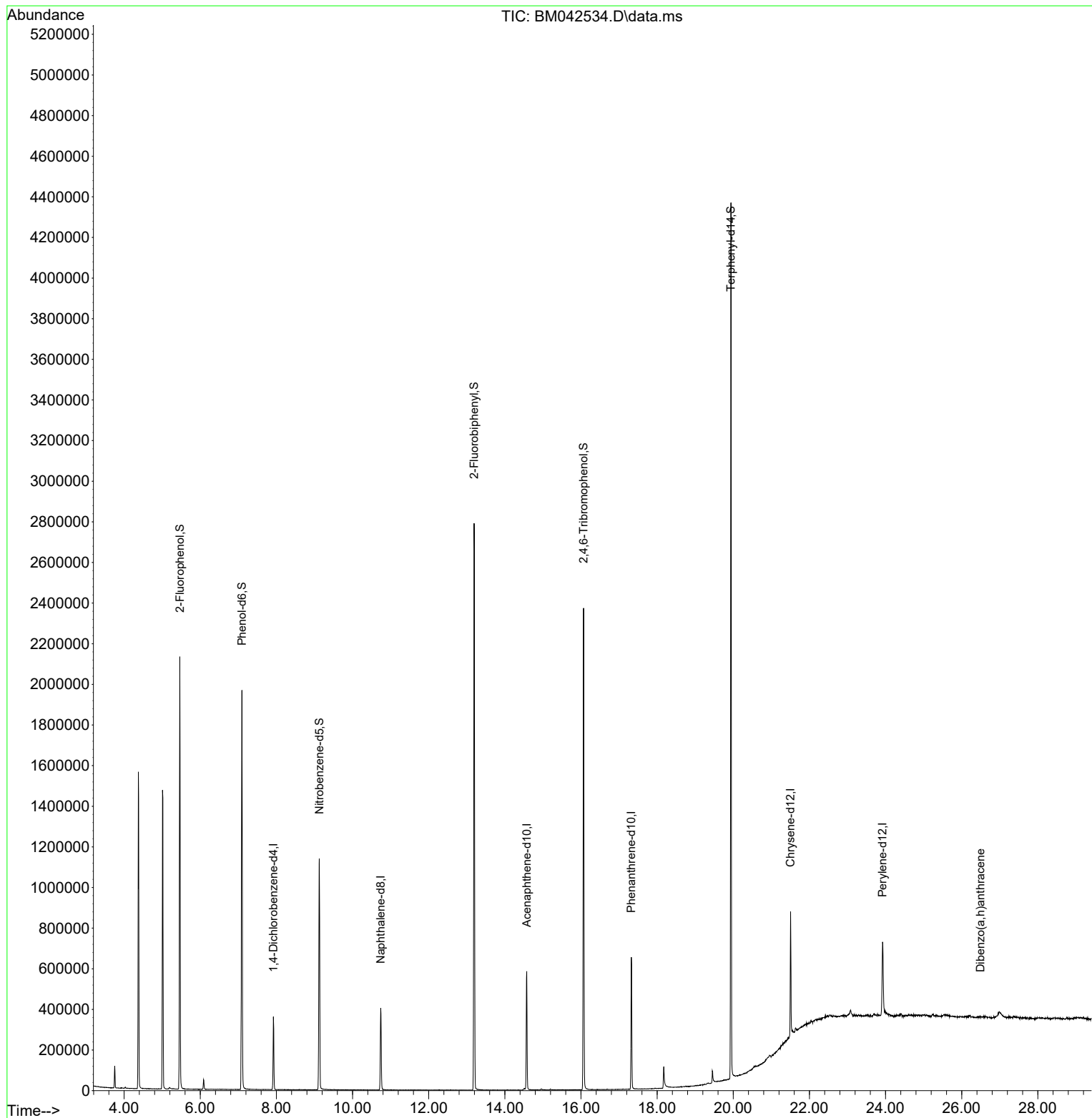
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	83183	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	299686	20.000	ng	-0.01
39) Acenaphthene-d10	14.574	164	182021	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	374543	20.000	ng	0.00
76) Chrysene-d12	21.503	240	307818	20.000	ng	0.00
86) Perylene-d12	23.921	264	282780	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	726234	140.901	ng	0.00
7) Phenol-d6	7.093	99	914597	129.385	ng	0.00
23) Nitrobenzene-d5	9.128	82	615018	95.667	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	373227	157.053	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	1300254	96.122	ng	0.00
79) Terphenyl-d14	19.939	244	1881779	103.657	ng	0.00
Target Compounds						
91) Dibenzo(a,h)anthracene	26.491	278	75	4.142	ng	Qvalue # 1

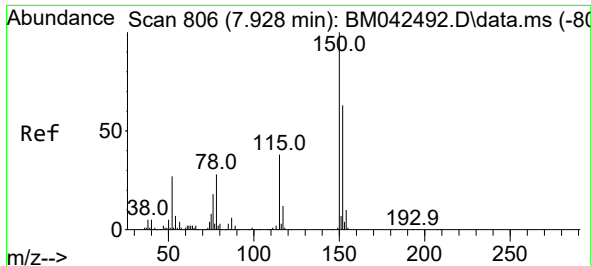
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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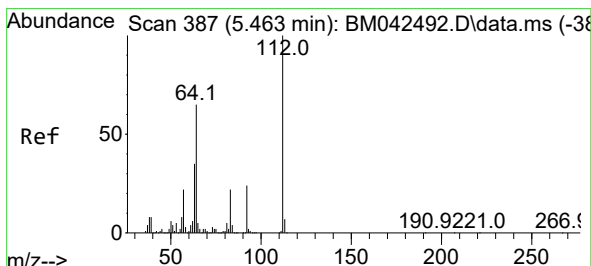
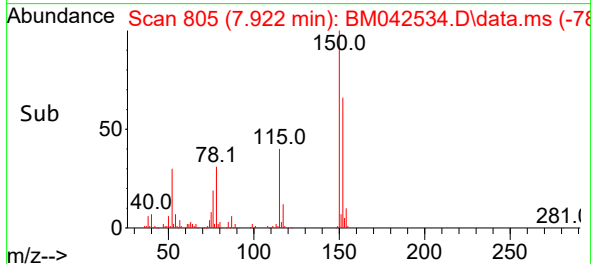
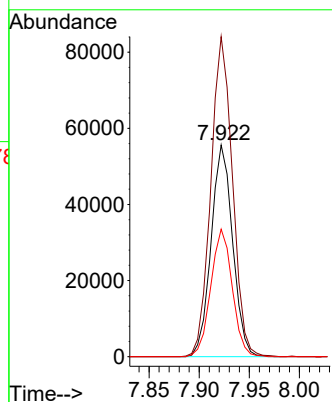
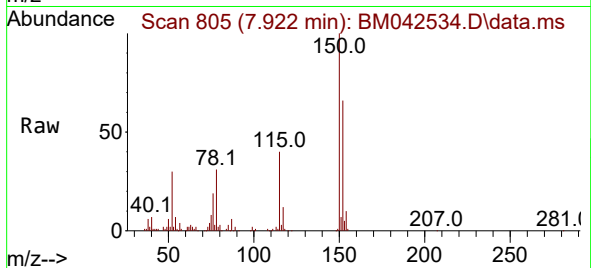




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM042534.D
Acq: 01 Nov 2023 11:43

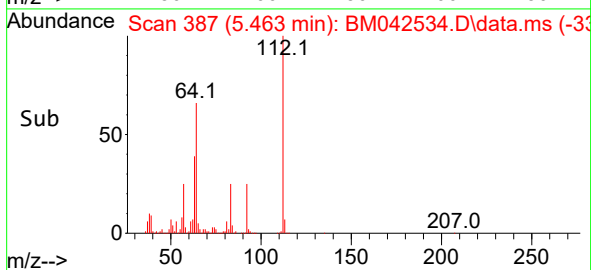
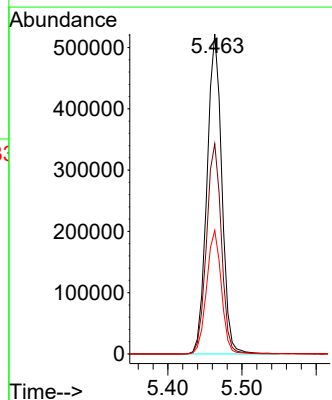
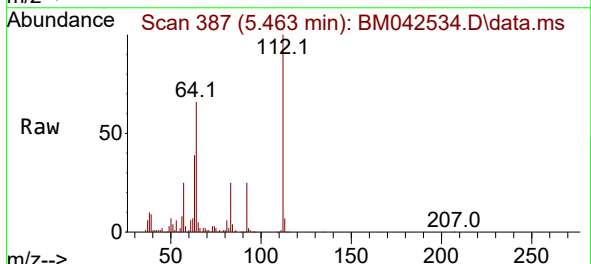
Instrument :
BNA_M
ClientSampleId :
PB156350BL

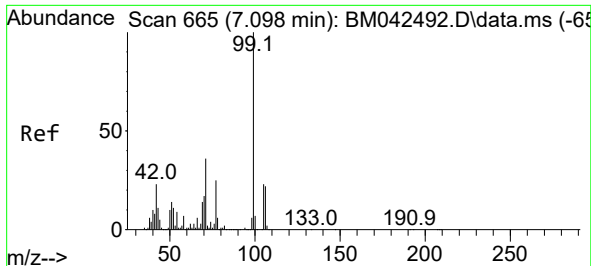
Tgt Ion:152 Resp: 83183
Ion Ratio Lower Upper
152 100
150 151.1 127.4 191.0
115 60.3 47.9 71.9



#5
2-Fluorophenol
Concen: 140.901 ng
RT: 5.463 min Scan# 387
Delta R.T. -0.000 min
Lab File: BM042534.D
Acq: 01 Nov 2023 11:43

Tgt Ion:112 Resp: 726234
Ion Ratio Lower Upper
112 100
64 65.7 52.1 78.1
63 38.6 28.3 42.5

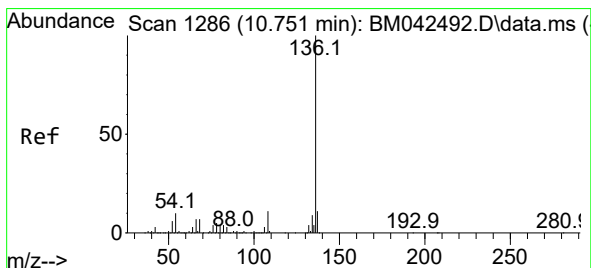
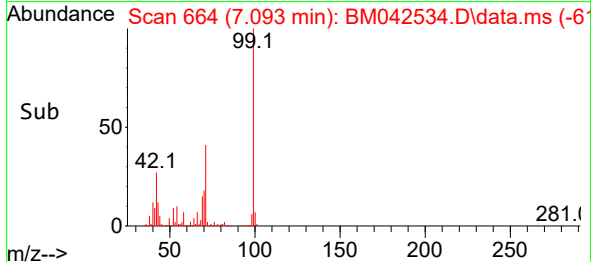
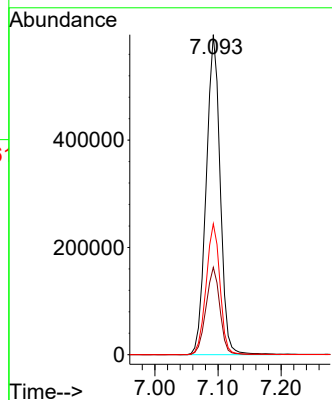
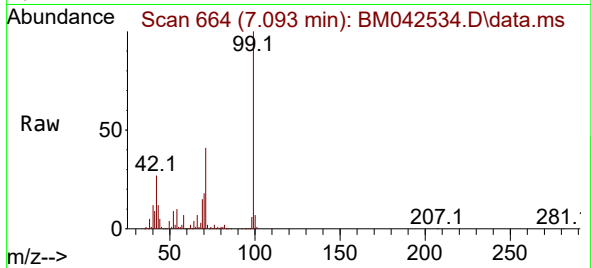




#7
Phenol-d6
Concen: 129.385 ng
RT: 7.093 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM042534.D
Acq: 01 Nov 2023 11:43

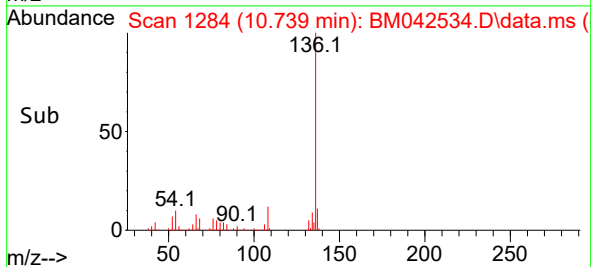
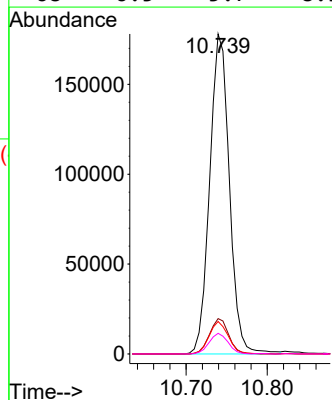
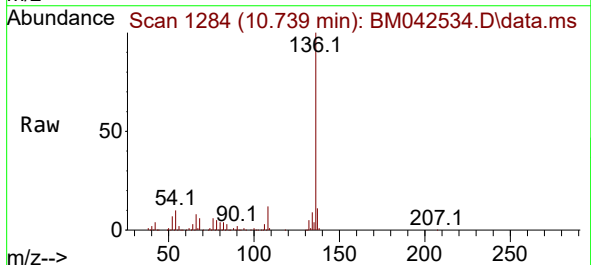
Instrument :
BNA_M
ClientSampleId :
PB156350BL

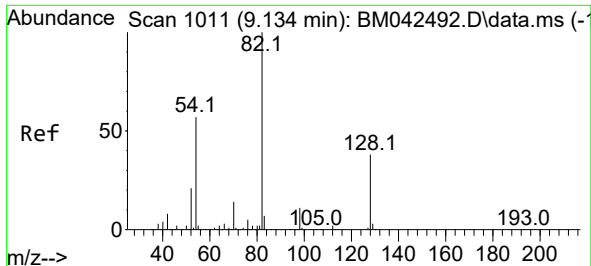
Tgt Ion: 99 Resp: 914597
Ion Ratio Lower Upper
99 100
42 27.3 18.7 28.1
71 40.9 29.1 43.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BM042534.D
Acq: 01 Nov 2023 11:43

Tgt Ion: 136 Resp: 299686
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 10.1 8.0 12.0
68 6.5 5.7 8.5

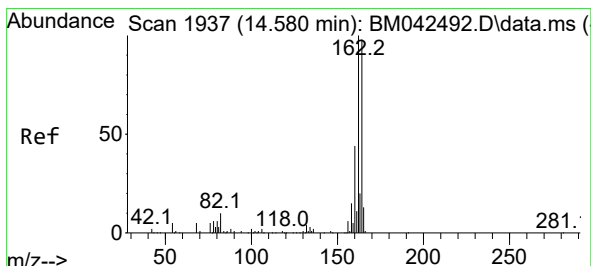
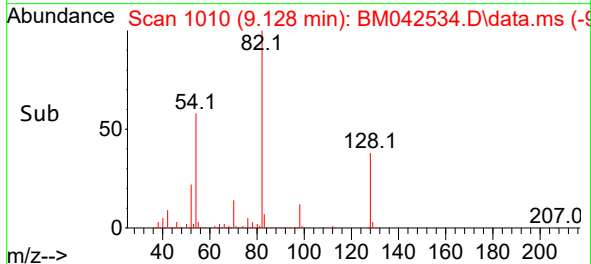
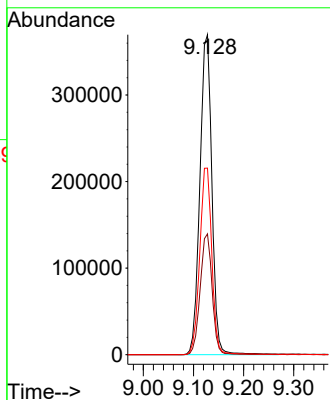
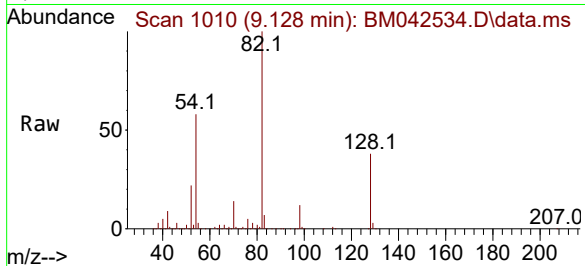




#23
Nitrobenzene-d5
Concen: 95.667 ng
RT: 9.128 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM042534.D
Acq: 01 Nov 2023 11:43

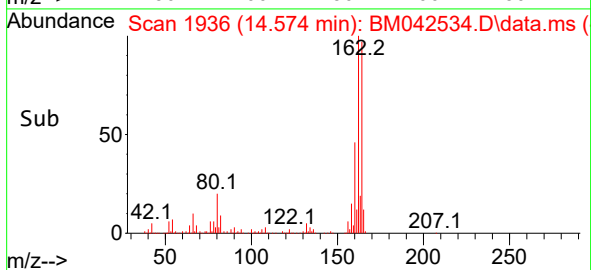
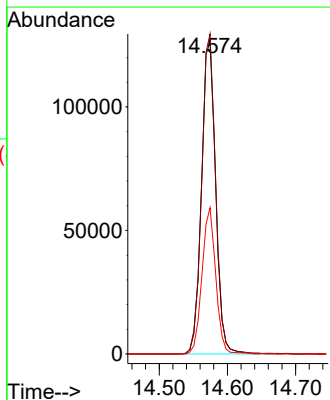
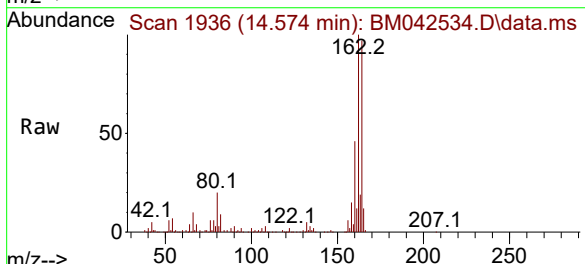
Instrument :
BNA_M
ClientSampleId :
PB156350BL

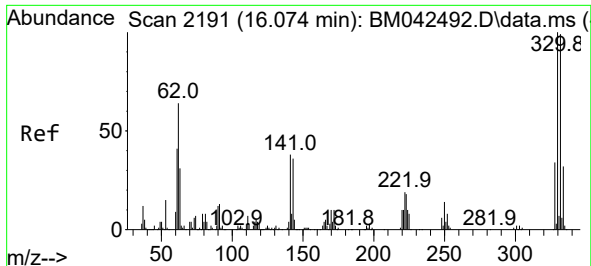
Tgt Ion: 82 Resp: 615018
Ion Ratio Lower Upper
82 100
128 37.7 30.7 46.1
54 58.3 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM042534.D
Acq: 01 Nov 2023 11:43

Tgt Ion: 164 Resp: 182021
Ion Ratio Lower Upper
164 100
162 102.6 81.6 122.4
160 46.9 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 157.053 ng

RT: 16.068 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042534.D

Acq: 01 Nov 2023 11:43

Instrument :

BNA_M

ClientSampleId :

PB156350BL

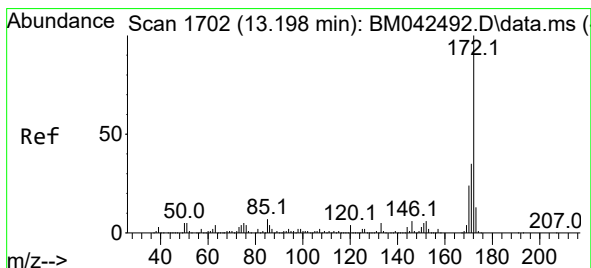
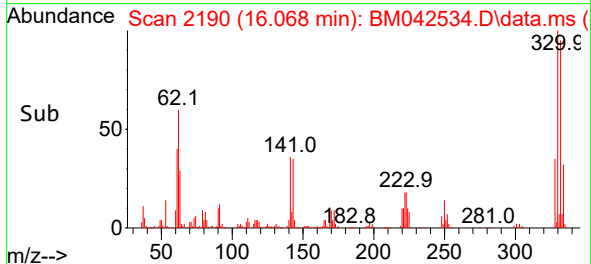
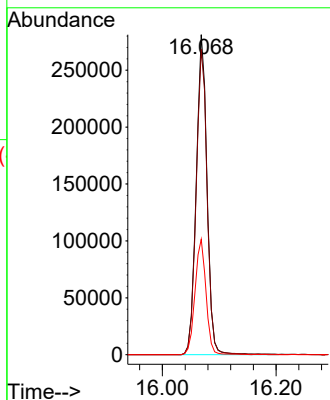
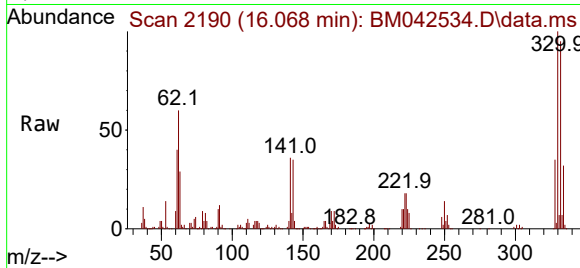
Tgt Ion:330 Resp: 373227

Ion Ratio Lower Upper

330 100

332 96.6 78.8 118.2

141 36.7 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 96.122 ng

RT: 13.192 min Scan# 1701

Delta R.T. -0.006 min

Lab File: BM042534.D

Acq: 01 Nov 2023 11:43

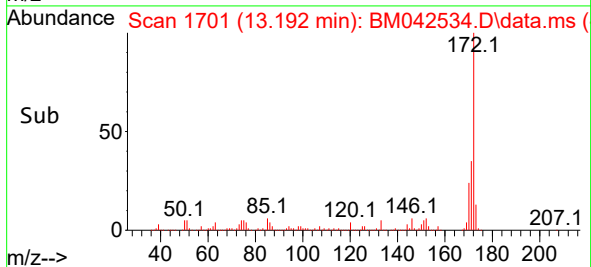
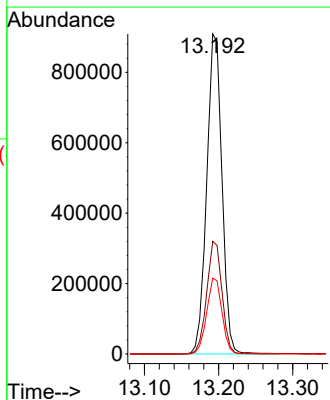
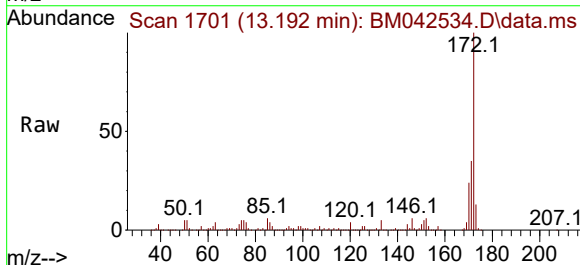
Tgt Ion:172 Resp: 1300254

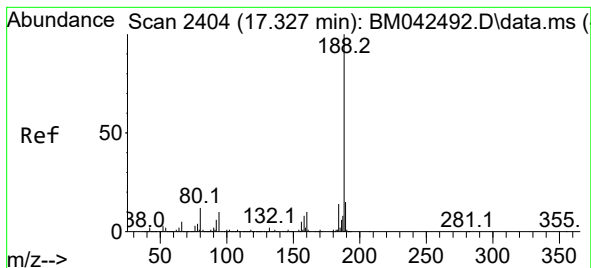
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 23.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.321 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM042534.D

Acq: 01 Nov 2023 11:43

Instrument :

BNA_M

ClientSampleId :

PB156350BL

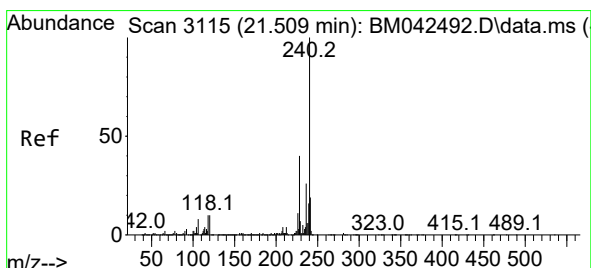
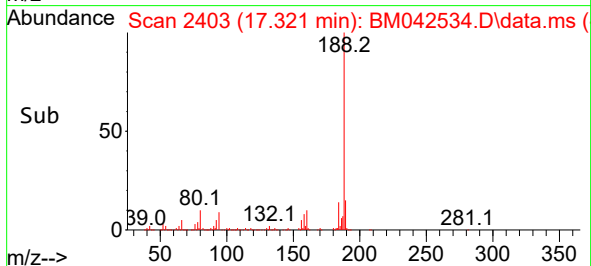
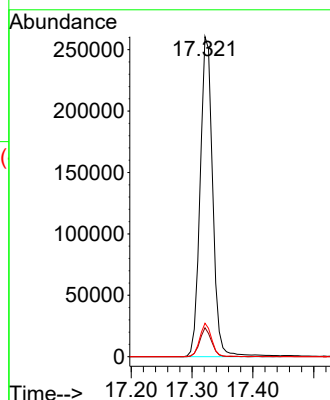
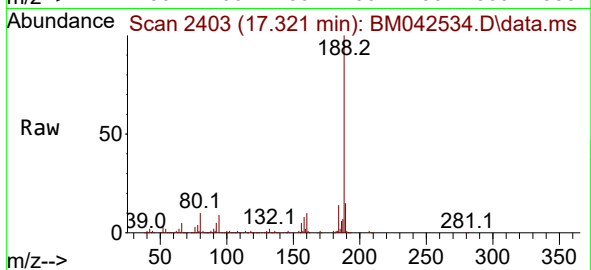
Tgt Ion:188 Resp: 374543

Ion Ratio Lower Upper

188 100

94 9.0 8.2 12.4

80 10.5 9.4 14.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.503 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM042534.D

Acq: 01 Nov 2023 11:43

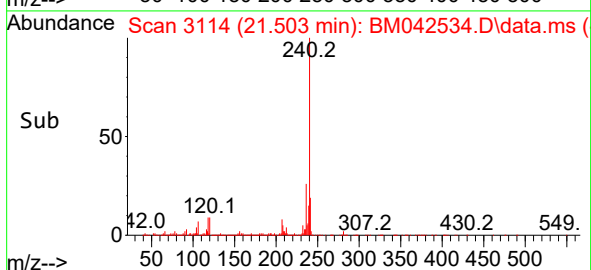
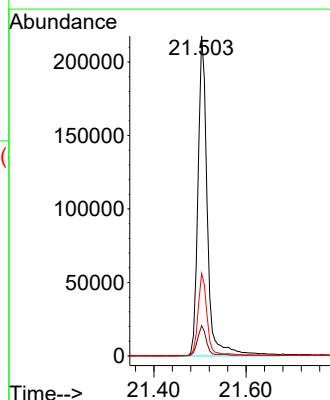
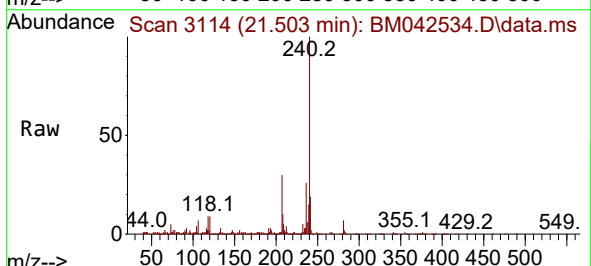
Tgt Ion:240 Resp: 307818

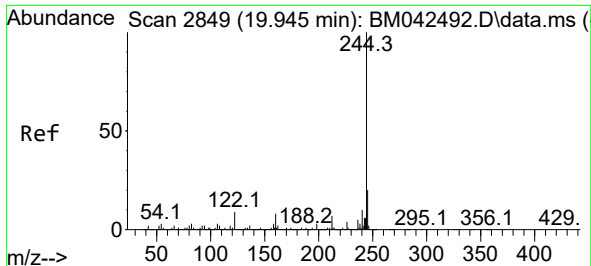
Ion Ratio Lower Upper

240 100

120 9.4 8.3 12.5

236 25.8 20.8 31.2

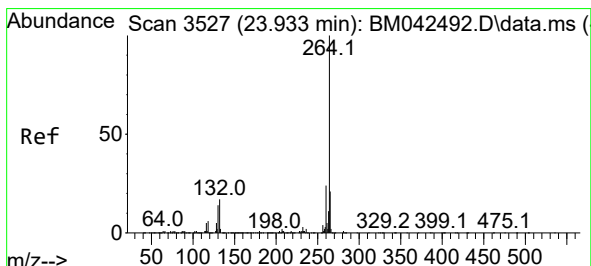
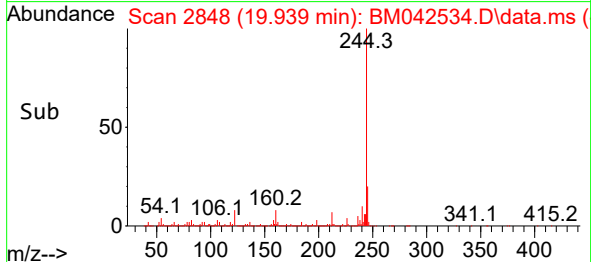
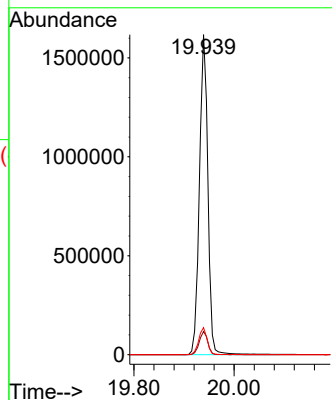
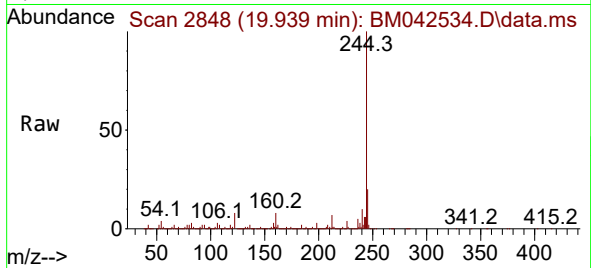




#79
 Terphenyl-d14
 Concen: 103.657 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042534.D
 Acq: 01 Nov 2023 11:43

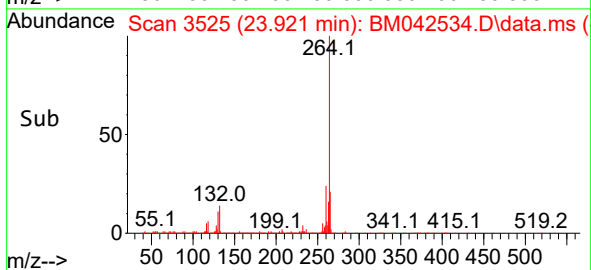
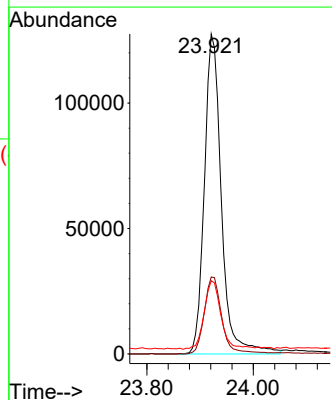
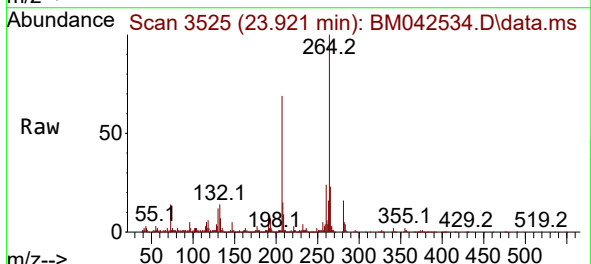
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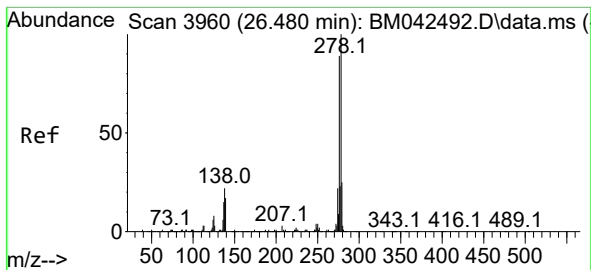
Tgt Ion:244 Resp: 1881779
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 8.4 7.2 10.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.921 min Scan# 3525
 Delta R.T. -0.012 min
 Lab File: BM042534.D
 Acq: 01 Nov 2023 11:43

Tgt Ion:264 Resp: 282780
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.4
 265 22.9 18.7 28.1





#91
 Dibenzo(a,h)anthracene
 Concen: 4.142 ng
 RT: 26.491 min Scan# 3962
 Delta R.T. 0.011 min
 Lab File: BM042534.D
 Acq: 01 Nov 2023 11:43

Instrument :
 BNA_M
 ClientSampleId :
 PB156350BL

Tgt Ion:278 Resp: 75
 Ion Ratio Lower Upper
 278 100
 139 72.8 13.4 20.2#
 279 140.8 19.7 29.5#

